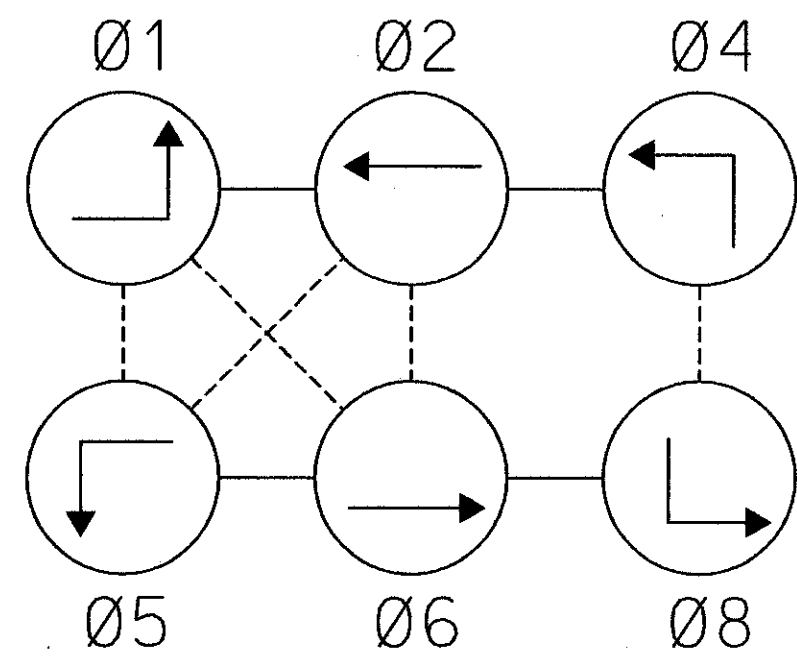


PHASING DIAGRAM



PHASING NOTES:

- PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
- PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.

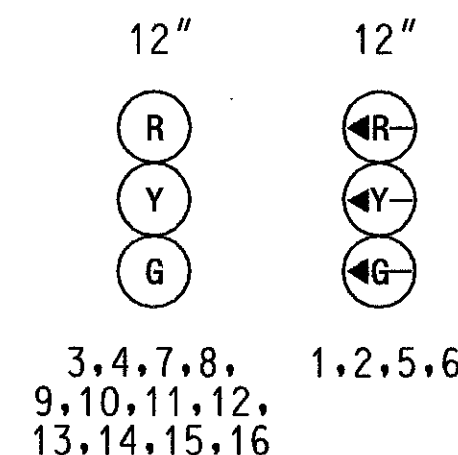
GENERAL NOTES:

1. THE CONDUIT IS TO BE INSTALLED PRIOR TO THE FINAL ROADWAY SURFACE COURSE.
2. ALL PROPOSED TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
3. MARKING TO BE INSTALLED AS SHOWN ON DRAWING NO. SN-3.
4. SEE DRAWING NO. SS-23 FOR WIRING DIAGRAM, PHASE CHART AND ADDITIONAL NOTES.

CONSTRUCTION DETAILS

- INSTALL 27 FT. STEEL POLE WITH 62 FT. MAST ARM, SIGNAL HEADS, AND SIGNS. STATION 28+78; LEFT 57 FT. (NOTE: FOUR 2 IN. X 90 IN. ANCHOR BOLTS, ONE-3 IN. PVC CONDUIT BEND).
- INSTALL 27 FT. STEEL POLE WITH 54 FT. MAST ARM, SIGNAL HEADS, AND SIGNS. STATION 28+87; RIGHT 57 FT. (NOTE: FOUR 2 IN. X 90 IN. ANCHOR BOLTS, ONE-3 IN. PVC CONDUIT BEND).
- INSTALL 27 FT. STEEL POLE WITH 54 FT. MAST ARM, SIGNAL HEADS, AND SIGNS. STATION 31+02; LEFT 57 FT. (NOTE: FOUR 2 IN. X 90 IN. ANCHOR BOLTS, ONE-3 IN. PVC CONDUIT BEND).
- INSTALL 27 FT. STEEL POLE WITH 62 FT. MAST ARM, SIGNAL HEADS, AND SIGNS. STATION 31+22; RIGHT 58 FT. (NOTE: FOUR 2 IN. X 90 IN. ANCHOR BOLTS, ONE-3 IN. PVC CONDUIT BEND).
- EXISTING NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH CONTROL AND DISTRIBUTION EQUIPMENT FOR UNDERGROUND ELECTRICAL SERVICE.
- INSTALL HANDHOLE.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT-TRENCHED.
- INSTALL 3 IN. PVC SCHEDULE 80 - SLOTTED PRIOR TO THE INSTALLATION OF THE FINAL ROADWAY SURFACE COURSE.
- INSTALL TWO-4 IN. PVC SCHEDULE 80 CONDUIT- SLOTTED PRIOR TO THE INSTALLATION OF THE FINAL ROADWAY SURFACE COURSE.
- TWO-4 IN. PVC SCHEDULE 80 UNDERBRIDGE CONDUIT TO BE INSTALLED BY THE BRIDGE CONTRACTOR.
- INSTALL VIDEO DETECTION ON MAST ARM AS DIRECTED BY PER THE ENGINEER
- INSTALL PAN-TILT-ZOOM CAMERA ON TOP OF SIGNAL POLE.
- INSTALL 4 IN. PVC SCHEDULE 80 - SLOTTED PRIOR TO THE INSTALLATION OF THE FINAL ROADWAY SURFACE COURSE.
- INSTALL 4 IN. PVC SCHEDULE 80 - TRENCHED.

PROPOSED SIGNALS



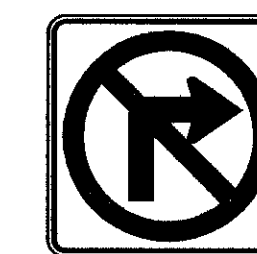
PROPOSED SIGNS

17, 18, 19, 20



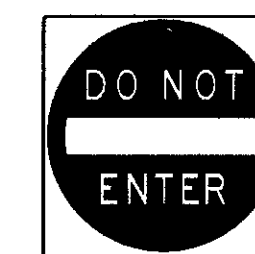
30" x 36"

21, 23



30" x 30"

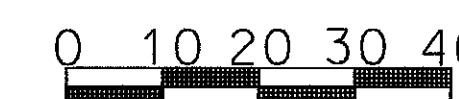
22, 24



30" x 30"

STAGE 10
(ULTIMATE DESIGN)

SCALE 1" : 20'



DWG NO. SS-20

Transcore
6850 Versar Center, Suite 350
Springfield Virginia 22151
Phone: 703-658-4088

REVISIONS		APPROVALS	
ADDENDUM NO. 1 7/26/00		TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION	
REDLINE REVISION NO. 4 7/12/01		ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION	
		CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
		DIRECTOR, TRAFFIC & SAFETY	
DRAWN BY: P. NELSON		F.A.P. NO.	
CHECKED BY:		S.H.A. NO.	
SCALE: 1"=20'		COUNTY: BALTIMORE	
DATE: 5-2000		LOG MILE:	
		TS NO.	
		T.I.M.S. NO.	
		DI15	
		SHEET NO.	
		212 OF 256	